

Naoyuki Kondo

List of Publications by Year in descending order

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35
papers

933
citations

471509

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h-index

477307

29
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35
all docs

35
docs citations

35
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of a dual-functional split-reporter protein for monitoring membrane fusion using self-associating split GFP. <i>Protein Engineering, Design and Selection</i> , 2012, 25, 813-820.	2.1	118
2	Conformational Changes of the HIV-1 Envelope Protein during Membrane Fusion Are Inhibited by the Replacement of Its Membrane-spanning Domain. <i>Journal of Biological Chemistry</i> , 2010, 285, 14681-14688.	3.4	92
3	Inhibition of HIV-1 endocytosis allows lipid mixing at the plasma membrane, but not complete fusion. <i>Retrovirology</i> , 2011, 8, 99.	2.0	89
4	Quantitative imaging of endosome acidification and single retrovirus fusion with distinct pools of early endosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17627-17632.	7.1	63
5	Fusion of Mature HIV-1 Particles Leads to Complete Release of a Gag-GFP-Based Content Marker and Raises the Intraviral pH. <i>PLoS ONE</i> , 2013, 8, e71002.	2.5	49
6	Autotaxin Produced by Stromal Cells Promotes LFA-1-Independent and Rho-Dependent Interstitial T Cell Motility in the Lymph Node Paracortex. <i>Journal of Immunology</i> , 2014, 193, 617-626.	0.8	48
7	Monitoring Viral-Mediated Membrane Fusion Using Fluorescent Reporter Methods. <i>Current Protocols in Cell Biology</i> , 2011, 50, Unit 26.9.	2.3	46
8	Antigen-Specific Suppression and Immunological Synapse Formation by Regulatory T Cells Require the Mst1 Kinase. <i>PLoS ONE</i> , 2013, 8, e73874.	2.5	43
9	Distinct Requirements for HIV-Cell Fusion and HIV-mediated Cell-Cell Fusion. <i>Journal of Biological Chemistry</i> , 2015, 290, 6558-6573.	3.4	38
10	NDR1-Dependent Regulation of Kindlin-3 Controls High-Affinity LFA-1 Binding and Immune Synapse Organization. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	37
11	The membrane-spanning domain of gp41 plays a critical role in intracellular trafficking of the HIV envelope protein. <i>Retrovirology</i> , 2010, 7, 95.	2.0	29
12	Biochemical Characterization of TT1383 from <i>Thermus thermophilus</i> Identifies a Novel dNTP Triphosphohydrolase Activity Stimulated by dATP and dTTP. <i>Journal of Biochemistry</i> , 2004, 136, 221-231.	1.7	28
13	Structure of dNTP-inducible dNTP triphosphohydrolase: insight into broad specificity for dNTPs and triphosphohydrolase-type hydrolysis. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2007, 63, 230-239.	2.5	27
14	Synchronized Retrovirus Fusion in Cells Expressing Alternative Receptor Isoforms Releases the Viral Core into Distinct Sub-cellular Compartments. <i>PLoS Pathogens</i> , 2012, 8, e1002694.	4.7	24
15	Conserved arginine residue in the membrane-spanning domain of HIV-1 gp41 is required for efficient membrane fusion. <i>Protein and Cell</i> , 2011, 2, 369-376.	11.0	23
16	Intercellular Adhesion Molecule 1 Promotes HIV-1 Attachment but Not Fusion to Target Cells. <i>PLoS ONE</i> , 2012, 7, e44827.	2.5	20
17	Membrane topology analysis of HIV-1 envelope glycoprotein gp41. <i>Retrovirology</i> , 2010, 7, 100.	2.0	19
18	Sema3e/Plexin D1 Modulates Immunological Synapse and Migration of Thymocytes by Rap1 Inhibition. <i>Journal of Immunology</i> , 2016, 196, 3019-3031.	0.8	19

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19	Monitoring of HIV-1 envelope-mediated membrane fusion using modified split green fluorescent proteins. <i>Journal of Virological Methods</i> , 2009, 161, 216-222.	2.1	17
20	Pinpointing retrovirus entry sites in cells expressing alternatively spliced receptor isoforms by single virus imaging. <i>Retrovirology</i> , 2014, 11, 47.	2.0	16
21	Insights into different dependence of dNTP triphosphohydrolase on metal ion species from intracellular ion concentrations in <i>Thermus thermophilus</i> . <i>Extremophiles</i> , 2008, 12, 217-223.	2.3	15
22	Two dNTP triphosphohydrolases from <i>Pseudomonas aeruginosa</i> possess diverse substrate specificities. <i>FEBS Journal</i> , 2009, 276, 3211-3221.	4.7	15
23	MST1/2 Balance Immune Activation and Tolerance by Orchestrating Adhesion, Transcription, and Organelle Dynamics in Lymphocytes. <i>Frontiers in Immunology</i> , 2020, 11, 733.	4.8	14
24	Combination therapy with lenvatinib and radiation significantly inhibits thyroid cancer growth by uptake of tyrosine kinase inhibitor. <i>Experimental Cell Research</i> , 2021, 398, 112390.	2.6	13
25	Development of a rapid cell fusion-based phenotypic HIV-1 tropism assay. <i>Journal of the International AIDS Society</i> , 2013, 16, 18723.	3.0	11
26	Kindlin-3 disrupts an intersubunit association in the integrin LFA1 to trigger positive feedback activation by Rap1 and talin1. <i>Science Signaling</i> , 2021, 14, .	3.6	10
27	<i>Thermus thermophilus</i> -derived protein tags that aid in preparation of insoluble viral proteins. <i>Analytical Biochemistry</i> , 2009, 385, 278-285.	2.4	5
28	LFA1 Activation: Insights from a Single-Molecule Approach. <i>Cells</i> , 2022, 11, 1751.	4.1	3
29	Dynamic appearance of antigenic epitopes effective for viral neutralization during membrane fusion initiated by interactions between HIV-1 envelope proteins and CD4/CXCR4. <i>Immunobiology</i> , 2012, 217, 864-872.	1.9	2
30	Inhibition of Human Immunodeficiency Virus Endocytosis does not Allow its Fusion with the Cell Plasma Membrane. <i>Biophysical Journal</i> , 2012, 102, 604a.	0.5	0
31	Real-Time Imaging of Retrovirus-Endosome Fusion followed by Release and Trafficking of the Viral Core. <i>Biophysical Journal</i> , 2012, 102, 502a.	0.5	0
32	Time-Resolved Imaging of Endosome Acidification and Single Retrovirus Fusion with Endosomes. <i>Biophysical Journal</i> , 2013, 104, 87a.	0.5	0
33	2SEP-03 Regulation of Lymphocyte "Stop and Go" via LFA-1 and ICAM-1 : Lymphocyte Trafficking Analysis using Live Imaging Techniques(2SEP Exploring mechanisms of emerging order in multicellular systems :) <i>Tj ETQq1 1_0,784314 rgBT /Ove</i>	0.1	0
34	Single-Molecule Analysis of LFA-1/ICAM-1 Binding in Lymphocyte. <i>Biophysical Journal</i> , 2014, 106, 572a.	0.5	0
35	Defining a Retrovirus Entry Site by Single Particle Tracking. <i>Biophysical Journal</i> , 2015, 108, 354a.	0.5	0